

CIANCARA, J.

TECNOLOGY

Periodicals: NORMALIZACJA. Vol. 26, No. 6/7, June/July 1958.

CIANCARA, J. A discussion of the draft of Standard

PR/P-82009 "Cotton Bedding Textiles." P. 318.

Monthly List of East European Accessions (BEAI) LC, Vol. 8, No. 2,

February 1959, Unclass.

CIANCIARA, Kazimierz, mgr inz.

Remarks on the article: "Repair of Traction Engines at the
Railroad Rolling Stock Repair Shops in Minsk Mazowiecki."
Przeł kolej mechan 13 no.2:49-50 F '61.

CIAS. B.

Future possibilities of the use of magnetophones and television
in railroad traffic. p. 63. ZELEZICAR. (Ministerstvo dopravy)
Praha. Vol. 6, No. 3, Mar. 1956

SOURCE: East European Accessions List. (EEAL)
Library of Congress Vol. 4, No. 12,
December 1956

CIAS S.,

JAKOŚĆ STALI PRACUJĄCEJ W CIEPLINIE (THE TYPE OF STEEL FASHIONED WHILE WORKING).
Wydawnictwo Gorniczo-Hutnicze, 1953,

76 p.

CIAS, A.,

O METALURGICZNEJ JAKOSCI STALI. (ON THE METALLURGICAL QUALITIES OF STEEL).
Wydawnictwo Gorniczo-Hutnicze, 1955,

109 p.

Class W

✓ 3274° New Device for Magnetometric Examination of the Kinetic Energy of Martensitic Transformation in Steel at Temperatures Below the Temperature of the Surrounding Medium. Nowe urządzenie do magnetometrycznego badania energii przemiany martenitycznej w stalach przy chłodzeniu w zakresie poniżej temperatury otoczenia. (Polish.) W: Ciel. Prace Instytutu Mineralogii i Hutnictwa, v. 8, no. 1, 1953, p. 3-18. Measurement of magnetic saturation of test specimens which increases with the growth of the ferromagnetic phase (martensite). Graphs, diagrams, photographs, micrographs. 57 rel.

①

27

CIA SW

Distr: 4E20

Effect of heat treatment below the temperature A_1 upon the properties of low-carbon steel for boiler sheets. *W. J. Price Inst. Humk. 10, 95-103 (1958).* The tests were run with thick boiler sheets from 15 heats of rimmed steel, killed steel, and steel made aging-resistant after cold-

working. The effects of heating below the temp. A_1 and of H_2O cooling upon the bending tests and mech. properties were investigated, also how temp. and aging treatment after H_2O cooling affects the mech. properties, and how steel has a tendency to age after cold working. It was found that aging after H_2O cooling and aging after cold-working differ in this respect, that at higher temps. in material treated in the first way of aging, some of the original properties will be recovered, whereas the latter kind of aging causes the acquired properties to be kept permanently. It is concluded that aging of the construction material after size reduction is dangerous for steel boilers. If steel sheets have been quenched from a temp. below the A_1 point, the bending test as an acceptance test for suitability for boiler sheets is meaningless.

Werner Jacobson

Adys

CIASTON, Wladyslaw; KULIKOWSKI, Jacek; MAKOLAGWA, Stefan

Properties of certain Polish indigenous ferrites with orthogonal hysteresis loop. Przegl elektroniki 3 no.7:419-431 J1 '62.

1. Zaklad Aparatow Matematycznych i WBR Zakladu Materialow Magnetycznych, Warszawa.

GLASTON, Stanislaw, agr. in.

Electronization as a new fundamental development trend in military engineering. Forest techn 86 no.12:7 21 Feb 1985.

NOWOSAD, Kazimierz; NOLES, Jadwiga; PORACZYNSKA, Gabriela;
OSTON-MALOLESZA, Wacława; KROL, Liliana; BARON, Adam

Treatment of neonatal hemolytic disease by means of exchange
blood transfusions in the past 15 years (1949-1964). Ginek.
Pol. 36 no.8:847-852 Ag 1965.

I. I I Klinika Położnictwa i Chorob Kobietych Akademii Medycznej
we Wrocławiu (Kierownik: prof. dr. med. K. Nowosad).

NOWOSAD, Kazimierz; HEIMERATH, Tadeusz; NOLISOWA, Jadwiga;
CIASTON-MAJOLEPSZA Weronika

Role of listeriosis in pregnancy complications and its spreading
in wards for newborn infants. Ginek. Pol. 36 no.8:939-944 Ag '64.

1. Z I Kliniki Położnictwa i Chorob Kobietych Akademii Medycznej
we Wrocławiu (Kierownik: prof. dr. med. K. Nowosad).

CIASTON, Wladyslaw; KULIKOWSKI, Jacek; MAKOLAGWA, Stefan

Mn-Mg-Cd ferrites with rectangular hysteresis loop. Zakl
apar matem prace no. B9: 1-8 '61.

CIASTON, Wladyslaw; KULIKOWSKI, Jacek; MAKOLAGWA, Stefan

Mn-Mg-Zn ferrites with square hysteresis loop and small Hc. Przegl
elektroniki 3 no.9:545-549 S '62.

1. ZAM Polska Akademia Nauk, Warszawa (for Ciaston).
2. WBR
Polfer, Warszawa (for Kulikowski and Makolagwa).

24,2200,

41005

S/058/62/000/009/028/069
A006/A101

AUTHORS: Ciastoń, Władysław, Kulikowski, Jacek, Makolagwa, Stefan
TITLE: Mn-Mg-Zn ferrites with almost rectangular hysteresis loop and low coercive force H_c
PERIODICAL: Referativnyy zhurnal, Fizika, no. 9, 1962, 40, abstract 9E285
("Prace zakł. apar. mat. PAN", 1961, v. B, no. 8, 9 s., ill., Polish)

TEXT: The authors investigated ferrites of the Mn-Zn-Fe-O system described by general formula $Mn_xZn_yFe_xO_{4+y}$, where $1.2 \leq x \leq 2.0$ and $0 \leq y \leq 0.4$. One of these ferrites has a relatively high rectangularity of the hysteresis loop and low coercive force H_c ; into this ferrite some MgO was introduced with the aid of a special-developed method; the MgO amount replaced proportionally all the other components. Most detailed investigations were made with ferrites of system $(MgO)_x(Mn_{0.6}Zn_{0.4}Fe_2O_4)_{1-0.5x}$ at $0 \leq x \leq 0.4$. In materials of this system the coefficient of rectangularity of the hysteresis loop attains values of $S > 0.9$ and H_c of about 0.3 oersted. They can therefore be used as cores in computer storage systems.

[Abstracter's note: Complete translation]

Card 1/1

24. 2 200

S/196/62/000/018/004/017
E194/E155

AUTHORS: Ciaston, Wladyslaw, Kulikowski, Jacek, and
Makolagwa, Stefan

TITLE: Ferrites of almost rectangular hysteresis loop and
low values of H_{sat}

PERIODICAL: Referativnyy zhurnal, Elektrotehnika i energetika,
no.18, 1962, 3, abstract 18 B 15. (Prace zakl. apar.
mat. PAN, B, no.8, 1961, 9 s., il.) (Polish).

TEXT: Ferrites of the system Mn-Zn-Fe-O, having the general
formula $Mn_z Zn_y Fe_x O_{4+y}$, were investigated in the range $1.2 \leq x \leq 2.0$
and $0 \leq y \leq 0.4$. Selected formulations and manufacturing
procedures ensured an almost rectangular hysteresis loop
($S_{max} \geq 0.9$) and low value of H_{sat} (~ 0.3 oersted approximately).

MgO was introduced into the formula at the expense of other
components. Cores of this material were used, for example, in
memory units of computers.

Card 1/1 [Abstractor's note: Complete translation.]

24.2200,

41079

S/058/62/000/008/091/134
A062/A101

AUTHORS: Ciastoh, W., Kulinowski, J., Makolagwa, S.

TITLE: Mn-Mg-Cd ferrites having rectangular hysteresis loops

PERIODICAL: Referativnyy zhurnal, Fizika, no. 8, 1962, 36, abstract 8E262
("Prace zakł. apar. mat. PAN", 1961, B, no. 9, 8s., 11., Polish;
summary in English)

TEXT: An investigation was made of the magnetic properties of the Mn-Mg-Cd-Fe-O system which may be described by the general formula $M_{2-x}Cd_yFe_xO_{4+y}$, $1.4 \leq x \leq 2.2$; $0 \leq y \leq 0.9$. These ferrites are ranged in the class of magnetically soft materials. The addition therein of a certain quantity of MgO converts them into materials with rectangular hysteresis loops. Likewise the coercive force and the hysteresis loop shape of the $(MgO)_x(Mn_{0.6}Cd_{0.4}Fe_{2.0})_{1-0.5x}$ system, wherein $0 \leq x \leq 0.4$, were investigated. It was found that for any values of x in the investigated range of MgO concentrations the coercive force of these materials is < 0.2 oersted. The rectangularity of the hysteresis loop S varies in dependence of the quantity of Mg^{2+} ions in the solution; $S_{max} > 0.9$.

[Abstracter's note: Complete translation]
Card 1/1

4.2571

L1679
P/053/62/000/009/002/003
D271/D308

AUTHORS: Ciaston, Madysław, Kulikowski, Jacek and Makolągwa, Stefan

TITLE: Mn-Ni-Zn square loop ferrites with low H_c

PERIODICAL: Przegląd elektroniki, no. 9, 1962, 545-549.

TEXT: The development of square loop ferrites with low coercive force is reported. In the temperature range of 1280° - 1360°C the samples were sintered in air, at higher temperatures - in oxygen in order to prevent reduction to Fe^{2+} . The samples were water quenched for chemical analysis, and cooled in vacuum or argon when intended for electrical tests. The Mn-Zn ferrite was taken as the basis of development, and squareness ratio and coercive force characteristics are shown for a range of compositions corresponding to the formula $Mn_yZn_xFe_{3-(x+y)}O_{4+y}$; x was varied in experiments between 0 and 0.4, Fe content - between 35 and 50% mol, with corresponding variations in Zn content. On the basis of the above preliminary work, the composition of 50% Fe, 20% Zn and 30% Mn was chosen
Card 1/2

Mn-Mg-Zn square loop ferrites ...

P/035/62/000/009/002/003
D271/D308

as the starting point. MgO was added to it in varying proportions, at the proportional expense of remaining components. The influence of MgO is shown in characteristics of the squareness ratio and coercive force, in the range of $\delta = 0 - 0.6$ in the formula $(\text{MgO})^\delta (\text{Mn}_{0.6}\text{Zn}_{0.4}\text{Fe}_{2.0})_{1-0.5\delta}$. It was found that $\delta = 0.4$ gives optimal results when cores are sintered in oxygen at 1400°C . Squareness ratios greater than 0.9 and coercive force lower than 0.3 oersteds were obtained. Further improvement is expected by better control of primary materials and a less abrupt transition from oxygen atmosphere used in sintering to fully neutral atmosphere applied in cooling. The development of usable material was accelerated by the choice of Fe-Mn-Zn ferrite as the basis to which MgO was added. A. Bragiński is thanked for supervision of the work. There are 5 figures.

ASSOCIATION: ZAM PAN (ZAM PAS) (W. Ciastoń) WBR, 'Polfer' (J. Kulikowski and S. Makolagwa)

Card 2/2

L3832

P/053/62/000/007/004/004
IO10/I242

20026

AUTHORS: Ciastoń, Władysław, Kulikowski, Jacek, and
Makolagwa, Stefan

TITLE: Properties of some Polish ferrites with a square hysteresis loop

PERIODICAL: Przegląd Elektroniki, no.7, 1962, 419-430

TEXT: Polish ferrites developed by "Polfer" and by the Zakład Aparatów Matematycznych (Department of Mathematical Apparatus) are comparable to those produced abroad. The static hysteresis loop parameters in three types of Polish ferrites R-1, R-2, R-3 were measured using 10x6x6 mm ring samples. The dynamic parameters of the cores are listed. The static characteristics show a similar characteristics show a similar B for all three types but their loop

Card 1/2

P/053/62/000/007/004/004
I010/I242

Properties of some Polish ferrites...

width and the H_m for the maximum squareness factor S are different. No material with $H_c \approx 1.5 - 2.0$ oersteds was found. Dynamically, the R-2 has a very low H_m opt at which $\frac{U_s}{U_z}$ reaches its maximum. Its drawback consists of a long τ (3 μ sec). The R-3 has $\tau = 1.5 \mu$ sec but its H_m opt is 3 times higher. The R-1 has intermediate properties so that it is useful both for memory and switching circuits. The measurements proved that the R-2 may be used in automatics, tele-technical systems, ferractor systems of digital machines etc. and R-3 mainly in matrix coincidence memories. The shortest switching time obtained with the R-3 cores is still too long for application in fast computers. Faster elements are being developed. There are 12 figures and 1 table.

ASSOCIATION: Zakł. Operacji Matematycznych i WBR Zakł. Materiiów Magnetycznych (Department of Mathematical Apparatus and WBR Department of Magnetic Materials)

Card 2/2

CIASTON, Wladyslaw, SZCZESNY, Zbigniew

Cores with rectangular histeresis loop coiled out of thin
79 NM molybdenum permalloy tape of 0.003 mm. thickness.
Prace inst masz mat 2 no. B-4 1-15 '63.

CIAVOIANIDZE, V. V.

1. "Productive Varieties of Hybrid," Professor V. GOSLAV, pp 3-4.
2. "Vaccines for High Farm Yields," IVAN GABRIELI, Corda-
data of Technical Sciences and Scientific Director of
the ICMA (Institute de Cercetari Privata Mecanizarea
Agriculturii): p 4.
3. "Productive Livestock Breeds," Engl E. BILCH, scientific
to secretary of the ICZ (Institute de Cercetari Privata Mecanizarea
Agriculturii): p 5.
4. "Hygiene and Orchard on Eroded Soils," Professor
Dr H. HADON: p 5.
5. "Hygiene and Orchard on Eroded Soils," Engl V. DE-
WITZ: pp 6-7.
6. "The Purposes of the," I. CIULI, physicist, and engineer
I. GHIOBETI: pp 8-11.
7. "Plastic Valve Processes in Heart Surgery," Dr V. GABRIELI
and PLINICU, Clinical Optical (Optical Clinic) in
Bucharest: pp 12-13.
8. "A few words about lacquers and paints," Engl VARGHESE
GOSLAV: pp 14-15.
9. "The Model of a Live Cell," V. T. CIUVANIDZE, Director
of the Institute of Cybernetics (Institute de Cercetari Privata Mecanizarea
Agriculturii) of the Central Academy of Sciences (original
name: V. T. CIUVANIDZE, and researcher V. T. CIUVANIDZE): pp 16-17.
10. "Basic Rules," Engl Alexandru GEMMA: pp 18-19.
11. "Views from the Future World" [briefs], pp 20-21.
12. "The Future of the World" [briefs], Engl GEMMA: pp 22-23.
13. "School -- The Zootechnical Complex," Dr Ion ALIMBAYEV,
Institute of Agronomy (Institute de Agronomie), Bucharest, pp 24-25.

CIAVCIANIDZE, V.V.; KVINIHIIDZE, K.S., cercetator

The model of the living cell. St si Teh Buc 14 no.5:16-17
My '62

1. Director of the Institute of Cybernetics, Academy of Sciences,
Gruzliya U.S.S.R. (for Ciavcianidze).

CIAWLOWSKI, K.

For a real rationalization. p.309

(PRZEGLAD SKORZANY, Vol. 11, No. 12, Dec. 1956, Lodz, Poland)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 9, Sept. 1957, Uncl.

CIAZKOWSKI, J.

The Permanent Exhibition of Building Techniques; a concise description on the occasion of the Nationwide Building Conference. p. 257.
(INZYNIERIA I BUDOWNICTWO. Vol. 13, no. 6, June 1956, Warszawa, Poland)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, no. 12, Dec. 1957.
Uncl.

CIBA, E.

CIBA, E. 1st Winter Spartakiad of the Voivodeship Administration of
Township Cooperatives in Danzig. p. 3.

Vol. 9, no. 20, May 1956

ROLNIK SPOLDZIELCA

AGRICULTURE

Poland

So: East European Accession, Vol. 6, No. 5, May 1957

EXCERPTA MEDICA Sec 6 Vol 13/10 Internal Med Oct 59

6015. SULPHAEMOGLOBINAEMIA - Sulfhemoglobinemia - Ciba T. and Szczepkowski T. W. I. Klin. Chor. Wewn. A. M., Kraków - POL. TYG. LEK. 1958, 13/26 (988-991) Graphs 1

Sulphaemoglobinaemia developing as a result of an excessive consumption of 'cafecide', a preparation containing phenacetin, was observed. In the patient's blood a considerable SHb level was found. This dye disappeared from the blood after the 'cafecide' administration had ceased, and the subjective and objective condition of the patient returned to normal. Diagnosis, pathogenesis and significance of sulphaemoglobinaemia are described. A method of determining SHb in blood is reported.

KROL, Wladyslaw; GIBA, Tadeusz; MIKULOWSKI, Pawel

Clinical value of serum turbidity in patients with Sheehan's syndrome. Polski tygod. lek. 14 no.44:1940-1944 2 Nov 59.

1. (Z I Kliniki Chorob Wewnetrznych A. M. w Krakowie; kierownik: prof. dr Leon Tochowicz i z Zakladu Anatomii Patologicznej A. M. w Krakowie; kierownik: prof. dr Janina Kowalczykowa).
(PITUITARY GLAND, dis.)

GABRYELSKI, Wladyslaw; GIBA, Tadeusz

Total and free cholesterol level in the serum in normal subjects with special reference to the age and sex. Polski tygod.lek. 15 no.12:417-421 21 Mr '60.

1. Z I Kliniki Chorob Wewnetrznych A.M. w Krakowie; kierownik: prof.dr Leon Tochowicz i z Katedry Statystyki W.S.E. Kierownik: prof.dr J. Fierich.

(CHOLESTEROL blood)

KROL, Wladyslaw, CIBA, Tadeusz

Anterior lobe of the pituitary and fat metabolism. Polski tygod.
lek.15 no.23:857-859 6 Je '60.

1. Z I Kliniki Chorob Wewnetrznych A.M. w Krakowie; kierownik:
prof. dr Leon Tochowicz.
(PITUITARY GLAND dis.)
(LIPIDS blood)

TOCHOWICZ, L.; KROL, W.; CIBA, T.; KOCEMBA, J.; SZOPINSKA, L.

Effect of nutrition on the cholesterol level and turbidity of the blood serum. Polskie arch.med. wewn. 30 no.7:881-883 '60.

1. Z I Kliniki Chorob Wewnętrznych A.M. w Krakowie Kierownik:
prof. dr med. L.Tochowicz Opracowanie statystyczne: J.Czyzynski
z Katedry Statystyki W.S.E. Kierownik: prof. dr J.Fierich
(CHOLESTEROL in blood)
(DIET exper)

TOCHOWICZ, Leon; SZOPINSKA, Lidia; CIBA, Tadeusz

Behavior of glycemie curves in atherosclerotic patients after
glucose load. Polskie arch.med.wewn. 30 no.7:932-934 '60.

1. Z I Kliniki Chorob Wewnetrznych A. M. w Krakowie Kierownik:
prof. dr med. L. Tochowicz
(ARTERIOSCLEROSIS blood)
(BLOOD SUGAR)

KROL, Wladyslaw; CIBA, Tadeusz

Effect of the anterior lobe of the pituitary on fat metabolism.
Polskie arch.med.wewn. 30 no.7:934-936 '60.

1. Z I Kliniki Chorob Wewnętrznych A.M. w Krakowie Kierownik:
prof. dr med. L.Tochowicz
(PITUITARY GLAND dis.)
(LIPIDS blood)

TOCHOWICZ, Leon; SZOPINSKA-CIBA, Lidia; CIBA, Tadeusz

Sugar curves in patients with atherosclerosis. Polski tygod. lek.
16 no.20:746-749 15 My '61.

1. Z I Kliniki Chorob Wewnetrznych A.M. w Krakowie; kierownik:
prof. dr Leon Tochowicz.

(ARTERIOSCLEROSIS blood) (BLOOD SUGAR)

MAREK, Zdzislaw; JAEGERMANN, Kazimierz; GIBA, Tadeusz

Atheromatosis and blood cholesterol level in autopsy studies.
Polski tygod. lek. 16 no.23:864-869 5 Je '61.

1. Z Zakladu Medycyny Sadowej A. M. w Krakowie; kierownik: prof.
dr nauk med. Jan Olbrycht i z I Kliniki Chorob Wewnetrznych A.M.
w Krakowie; kierownik: prof. dr Leon Tochowicz.

(ARTERIOSCLEROSIS blood) (CHOLESTEROL blood)

TOCHOWICZ, Leon; CIBA, Tadeusz; KOCENBA, Jozef; SZOPINSKA-CIBA, Lidia

Seasonal variability of the cholesterol level in the blood serum.
Pol. tyg. lek. 17 no.16:587-592 16 Ap '62.

1. Z I Kliniki Chorob Wewnetrznych AM w Krakowie; kierownik: prof. dr
Leon Tochowicz.

(CHOLESTEROL blood) (WEATHER) (PERIODICITY)

CIBA, Tadeusz

Uric acid level in the blood serum and its evaluation in the diagnosis of arteriosclerosis. Pol. tyg. lek. 17 no.21:821-824 21 My '62.

1. Z I Kliniki Chorob Wewnętrznych AM w Krakowie; kierownik: prof. dr Leon Tochowicz.

(ARTERIOSCLEROSIS blood)
(URIC ACID blood)

POLAND

GIBA, Tadeusz and KROL, Wladyslaw; First Clinic of Internal Diseases (I Klinika Chorob Wewnetrznych), AM Akademia Medyczna -- Medical School in Krakow, Director: Prof Dr Leon TOCHOWICZ.

'Primary and Secondary Hypothyreosis'

Warsaw, Polski Tygodnik Lekarski, Vol XVIII, No 8, 18 Feb 1963, pp 296-298

Abstract: Authors' English summary modified Two groups of patients are reported. One of them consisted of persons with primary hypothyreosis, the other of patients with secondary hypothyreosis due to insufficiency of the anterior lobe of the hypophysis caused by labor. The differences noted in the history of clinical examination and laboratory tests between those two groups are mentioned. Attention is drawn to the I^{131} uptake by the thyroid gland after the administration of T.S.H. as a very important diagnostic test in

1/2

KROL, Wladyslaw; CIBA, Tadeusz; KOCEMBA, Jozef; SZOPINSKA-CIBA, Lidia;
TOCHOWICZ, Leon

Effect of diet on the turbidity of the blood serum. Pol. tyg.
lek. 18 no.40:1473-1478 30' S '63.

1. Z I Kliniki Chorob Wewnętrznych AM w Krakowie; kierownik:
prof. dr Leon Tochowicz.

(BLOOD CHOLESTEROL) (BLOOD LIPIDS)
(BLOOD CHEMICAL ANALYSIS)
(OCCUPATIONS AND PROFESSIONS)
(ARTERIOSCLEROSIS) (STATISTICS)
(DIET)

GIBA, Tadeusz; KOCEMBA, Jozef; KROL, Wladyslaw; SZOPINSKA-GIBA, Lidia;
TOCHOWICZ, Leon.

Effect of nutrition on the total cholestrol level in the blood
serum. Pol. tyg. lek. 18 no.45:1675-1679 4 N°63.

1. Z I Kliniki Chorob Wewnetrznych AM w Krakowie. Kierownik:
prof.dr. Leon Tochowicz.

CIBA, Tadeusz

Metabolic disorders in arteriosclerosis. I. Total cholesterol level and nutritional lipemia. Pol. arch.med.wewnet. 34 no.3: 257-263 '64

1. Z I Kliniki Chorob Wewnętrznych AM w Krakowie; kierownik: prof.dr.med. L.Tochowicz.

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CIBA, Tadeusz; KROL, Wladyslaw

Ginski-Simmonds syndrome following hemorrhage of the digestive
system. Pol. tyg.lek. 18 no.50:1896-1899 9 D'63

1. Z I Kliniki Chorob Wewnetrznych AM w Krakowie; kierownik:
prof.dr. Leon Tochowicz.

*

SARNECKA-KELLER, Maria; NOWORYTKO, Jadwiga; CIBA, Tadeusz; KOS, Stanislaw

Nitrogen and sulfur metabolites in the urine in cystinuria.
Pol. tyg. lek. 19 no.35:1333-1334 31 Ag '64.

1. Z Zakladu Chemii Fizjologicznej Akademii Medycznej w
Krakowie; (kierownik: prof. dr Boleslaw Skarzynski [deceased])
i z I Klinik Chorob Wewnetrznych Akademii Medycznej w Krakowie
(kierownik: prof. dr Leon Tochowicz).

~~WANECKA~~, KELLER, Maria; NOWORYTKO, Jadwiga; CIBA, Tadeusz; KOS, Stanislaw

Effect of some amino acids and scorbic acid on the level of sulfur and nitrogen metabolites in the urine of cystinuria patients. Pol. tyg. lek. 19 no.49:1881-1883 7 D '64

1. Z Zakladu Chemii Fizjologicznej Akademii Medycznej w Krakowie (kierownik: prof. dr. Boleslaw Skarzynski) i z II Kliniki Chorob Wewnetrznych Akademii Medycznej w Krakowie (kierownik: prof. dr. Leon Tochowicz).

CIBA, Tadeusz

Metabolic disorders in arteriosclerosis. II. Glycemic curve,
and uric acid and serum protein level. Pol. arch. med. wewnet.
34 no.6:683-690 '64

1. Z I Kliniki Chorob Wewnetrznych Akademii Medycznej w
Krakowie (Kierownik: prof. dr. med. L. Tochowicz).

KROL, Wladyslaw; CIBA, Tadeusz

Value of the serum turbidity test in the diagnosis of pituitary and adrenal hypo- and hyperfunction. Pol. tyg. lek. 20 no.5: 169-171 1 F'65.

1. Z I Kliniki Chorob Wewnętrznych Akademii Medycznej w Krakowie (kierownik: prof. dr. Leon Tochewicz).

CIBA, Tadeusz; WOJCIKIEWICZ, Olga; DUBIEL, Jerzy

Hyperosmolar diabetic coma. Wiad. lek. 18 no.11:949-952
1 Je '65.

1. Z I Kliniki Chorob Wewnętrznych AM w Krakowie (Kierownik:
prof. dr. L. Tochowicz).

SZYBINSKI, Zbigniew; CIBA, Tadeusz; PYZIK, Zbigniew; ZDANOWSKA, Krystyna

Hypertension and the indices of thyroid function in simple goiter and in hyperthyroidism. Pol. tyg. lek. 20 no.20:710-712 17 My '65.

1. Z I Kliniki Chorob Wewnetrznych AM w Krakowie (Kierownik: prof. dr. Leon Tochowicz) i z Wojewodzkiej Poradni Endokrynologicznej dla Doroslych w Krakowie (Kierownik: dr. med. Tadeusz Ciba).

SZOPINSKA-CIBA, Lidia; WOJCIKIEWICZ, O.; CIBA, Tadeusz

Outpatient treatment of recently detected diabetes mellitus.
Pol. tyg. lek. 20 no.22:808-809 31 My '65.

1. Z I Kliniki Chorob Wewnętrznych AM w Krakowie (Kierownik:
prof. dr. Leon Tochowicz) i z Wojewódzkiej Poradni Cukrzycowej
dla Dorosłych w Krakowie (Kierownik: dr. Lidia Szopinska-Ciba).

CIBA, Tadeusz; SZOPINSKA-CIBA, Lidia

Incidence of diabetes in hypertension. Pol. tyg. lek. 20 no.34:
1284-1286 23 Ag '65.

1. Z I Kliniki Chorob Wewnetrznych AM w Krakowie (Kierownik:
prof. dr. Leon Tochowicz).

CIESZYNSKI, Tadeusz; BORKOWSKI, Boguslaw

Alkaloids of the genus *Thalictrum* L. Pt.2. Acta Pol. pharm.
22 no.3:265-269 '65.

1. Z Zakladu Farmacji Stosowanej Akademii Medycznej w Poznaniu
(Kierownik: doc. dr. R. Adamski) i z Zakladu Farmakognozy
Akademii Medycznej w Poznaniu (Kierownik: prof. dr. B. Borkowski).

CIBAL, V.; HOLINKA, M; PRAZAK, M.

"Differentiation of phases in metallographic etching." 1. Electrolytic etching
with a controlled potential. In German. p. 9

COLLECTION OF CZECHOSLOVAK CHEMICAL COMMUNICATIONS, praha, Czechoslovakia,
Vol 24, No. 1, Jan. 1959.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 6, Sept. 59
Unclassified

CIBERT, Jean

Removal of the kidney due to cancer of the renal parenchyma. Urol.
polska no.11:137-140; discussion, p.140-154 1957.

1. Z Kliniki Urologicznej w Lyonie, pawilon v--Hopital Edouard Herriot
Kierownik: prof. dr med. J. Cibert (Zestawila: M. Begou)
(NEPHRECTOMY, in various dis.
cancer of renal parenchyma, statist. (Pol))

CIBIANU, N.

Crust founding in the Steagul Rosu plant. p. 39

METALURGIA SI CONSTRUCTIA DE MASINI, Vol. 8, No. 1, Jan. 1956, Rumania.

SO; East European Accessions List, L. of C., Vol. 5, No. 10, Oct. 1956.

COUNTRY : USSR
CATEGORY : Cultivated Plants. Medicinal. Essential Oil. M
 Toxic.
ABS. JOUR. : RZhBiol., No. 3, 1959, No. 11149
AUTHOR : Cibinskaite, J., Nenute, E.
INST. : Kaunas Medical Institute
TITLE : Growing Mustard and The Use of Its Seeds in Lithuanian
 SSR.
ORIG. PUB. : Nauchn. tr. stud. Kaunassk. med. in-t. Kaunas, 1957,
 107-112.
ABSTRACT : In the seeds of *Brassica nigra* grown in the Botanical
 Garden, AS Lithuanian SSR, there was found 33.25% of
 fatty and 0.49% of essential oil, and in the seeds of
 Brassica juncea - 32.45 and 0.54% respectively. The
 spirit of mustard and the mustard paper did not fully
 meet the requirements of pharmacopeia with respect to
 the quality of the essential oil. It is pointed out that
 with better care, the seeds of the species studied will
 apparently be fit for medicinal purposes.

CARD: 1/1

CIBIRAS, P., kand. med. nauk; DAKTARAVICIENE, E., kand. med. nauk;
JARZEMSKAS, J., kand. med. nauk [deceased]; JOCEVICIENE, A.,
kand. med. nauk; KRIKSTOPAITIS, M., kand. med. nauk; NENISKIS, J.,
kand. med. nauk; STEPONAITIENE, L., kand. med. nauk; SURKUS, J.,
kand. med. nauk; SIIMANAS, S., kand. biolog. nauk; CEPULIS, St.,
prof.; KUPCINSKAS, J., prof.; LASAS, Vl., prof.; SIDERAVICIUS, Br.,
prof.; KANOPKA, E., dots.; KVIKLYS, V., dots.; LABANAUSKAS, K.,
dots.; POLUKORDAS, H., dots.; BABUBLYS, P., doktor; CAPKEVICIUS, V.,
doktor; MAKARIUNAS, P., doktor; PAKONAITIS, P., doktor; STUOKA, R.,
doktor; SURGAILIS, H., doktor; PAULIUKONIENE, J., red.; ANAITIS, J.,
tekh. red.

[Health and diseases] Antrasis pataisytas leidimas. Vilnius,
Valstybine politines ir mokslines literaturos leidykla, 1961. 356 p.
(MIRA 15:3)

(HYGIENE) (PATHOLOGY)

CIBIRAS, P., doc.

A fatal case of amebiasis complicated by multiple liver abscesses. Sveik. apsaug. 8 no.10:26-28 0'63.

1. Vilniaus Valst. V.Kapsuko v. universiteto Medicinos fakulteto infekcinių ligų katedra. (katedros vedėjas - doc. P. Cibiras, med. m. kand. R. Ptasekas) ir Respublikinė Vilniaus klininė ligoninė. (vyr. gyd. - V. Zygas).

*

BERZINS, I.; VILDE, A.; CIBLIS, E.; PICA, A., red.

[Overall mechanization in cultivating corn] Kukuruzas
audzesanas darbu kompleksa mehanizacija. 2. parstra-
dats un papildinats izdevums. Riga, Latvijas Valsts
izd-ba, 1964. 169 p. [In Latvian] (MIRA 18:1)

CIBOIT, J.

Additions to the study of thermal and chemical recovery of black lyes.

P. 231(Celuloza Si Hirtie. Vol. 5, no. 9, Sept. 1956, Bucuresti, Rumania)

Monthly Index of East European Accessions (FTAI) LC. Vol. 7, no. 2,
February 1958

CIPOR, C.

Named Zwirko and Wigura.

P. 5, (Skrzklata Polska, Vol. 13, no. 40, Oct. 1957, Warszawa, Poland)

Monthly Index of East European Accessions (EEAI) 1C. Vol. 7, no. 2,
February 1958

CIBOR, J.

KULINICZ, W. MICHALCZEWSKI, W., CIBOR, J.: "How The Silos In Wierzbice Were Concreted"
p. 91. (Przegląd Budowlany, Vol. 25, no. 3, Mar. 1953, Warszawa)

SO: Monthly List of ^{East European} ~~Russian~~ Accessions, Vol. 3, No. 2,
Library of Congress, February, 1954, 1953, Uncl.

SZADOWSKA, Anna; GIBORSKA, Halina; DARZYNKIEWICZ-CZERNIK, Daniela

Pharmacological properties of some new esters of diphenylacetic acid. Acta Pol. pharm. 21 no.6:509-518 '64

1. Z Katedry i Zakladu Farmakologii Akademii Medycznej w Lodzi
(p.o. kierownika Zakladu: dr. med. A. Szadowska; kurator Katedry:
prof. dr. med. W. Musial).

CIBOROWSKI, Adolf, mgr inż.

Role of construction engineering in the preparation and realization
of prospective city planning. Przegl tech 84 no.22:1,4 2 Je '63.

CIBOROWSKI, F.; GAJEWSKI, Z.

Logometers of resistance thermometers. Pt. 1. Classification of logometers. p.111,
Vol. 15, no. 5, May 1955, WIADOMOSCI ELECTROTECHNICZNE
SO:MONTHLY LIST OF EAST EUROPEAN ACCESSIONS, (EEAL), LC, Vol. 4, No. 9,
Sept. 1955, Uncl.

CIEBOROWSKI, F.

CIEBOROWSKI, F. Logometers of resistance thermometers. Pt. 2. Failures of meters. p. 128. Vol. 15, no. 6, June 1955. WIADOMOSCI ELECTROTECHNICZNE. Warszawa, Poland.

SOURCE: East European Accessions List (EEAL) LC VOL 5, No. 6 June 1956

CIEGORO-SKI, F. GAJEWSKI, Z.

Reception and control of the feelers of resistance thermometers. p. 173,

Wiadomosci Elektrotechniczne. (Stowarzyszenie Elektrykow Polskich,
Centralny Zarzad Energetyki, Centralny Zarzad Przemysly Kablowego)
Warszawa, Poland Vol. 15, no 8, 1955

Monthly list of East European Accessions (EEAI) LC, Vol./no. 2,
Feb. 19⁹~~60~~

Uncl.

FRANCISZEK Ciborowski

POLAND / Chemical Technology. - Checking and Measuring Devices. H-3
Automatic Regulation. Chemical Products and Their
Application. Part 1.

Abs Jour : Referat. Zhurnal Khimiya, No 4, 1958, 11646.

Author : Franciszek Ciborowski.

Inst : Not given.

Title : Influence of "Epitemperature" of Thermistors on Temperature Measuring.

Orig Pub : Pomiar, automat., kontrola, 1957, 3, No 3, 105 - 106.

Abstract : At the temperature measuring with resistance thermometers, the passing current heats the measuring resistance, in consequence of which the latter shows a higher temperature than that of the measured medium. The obtained temperature difference is called "epitemperature" (ET) and it

Card 1/2

CIBOROWSKI, F.

POLAND / Chemical Technology, Chemical Products and Their
Application. Instruments and Automation.

H-3

Abs Jour : Ref Zhur - Khimiya, No 5, 1959, No. 15687

Author : Ciborowski, F.

Inst : Not given

Title : Direct Current Compensators and Their Application

Orig Pub : Pomary, automat., kontrola, 1957, 3, No 10, 392-396

Abstract : No abstract given

Card 1/1

CIBOROWSKI, Franciszek, mgr inż.

Remarks on thermocouple testing in industry. Pomiar
9 no.2:49-51 F '63.

CIBOROWSKI, Franciszek, mgr inz.

Factors influencing the durability and stability of thermometric characteristics of industrial thermocouples. Pomiar 8 no.11:509-511 N '62.

CIBOROWSKI, Franciszek

New methods of temperature measuring. Pomiary 9 no.12:
640 D '63.

CIBOROWSKI, J.

CA

The fundamentals of the fluidization process. Janusz Ciborowski. *Przegląd Chem.* 6, 164-72 (1948); cf. C. A. 43, 8212.---A glass column 30 mm. in diam. and 120 cm. long was used in the study of the process. A min. gas flow is necessary for the fluidization to take place. This crit. velocity for incompressible powders is independent of their amt. The flow friction is proportional to flow velocity and the amt. of powder. It is also proportional to particle diam. and d . Two phases can be distinguished in a fluidized system: a "dense" phase, whose concn. is const., and a "dilute" phase, showing a barometric effect. The shape of powder particles and the character of the surface are important factors in the fluidization process.

Adam Sporyszki

But, also.

BT 1. A. General

Application of dimensional analysis to chemical engineering.
J. Cibarynski (*Pharm. chem.*, 1949, 4, 206-211).—A review.
R. TRUSCON.

CP

A simple method of computation of equilibrium constants.
 (Soviet Chem. 23, 261-76(1949).)
 The method of equil. const. was simplified by applying
 modern thermodynamics, statistical mechanics and spectral
 analysis. A new function $\phi = G_0/4.578 \times T$ is defined in
 which G_0 is the free energy related to the new reference state,
 D_0 the value of dissociation at 0°K., and H_0 the zero enthalpy.
 If ϕ is known, the log of the equil. const. can be obtained by
 simple summation. The values of ϕ are calcd. and tabu-
 lated for 29 substances (S, O, H, N, Cl, OH, C_{graph}, S₈, O₃,
 H₂, N₂, C₂, CH₃CH, CO₂, N₂O, CCl₄, HCl, NO, CO, H₂O,
 CH₄, CO₂, H₂S, CH₃, NO₂, SO₂, NH₃, HCN, CH₂:CH₂) in the
 range from 298 to 2000°K. The agreement between calcd.
 and exptl. values is satisfactory. S. N.

PROCEDURES AND PROPERTIES INDEX																									
1ST AND 2ND CROSS													3RD AND 4TH CROSS												
<i>ca</i> 21 The fluidization process. J. Ciborowski. <i>Przemysl Chem.</i> 28, 29-33(1949).--The advantages and disadvantages of fluidization are discussed and the use of the process in the catalytic cracking of petroleum is described. 63 references. Frank Gonet																									
COMMON ELEMENTS COMMON VARIANTS OPEN MATERIALS INDEX ASM-5LA METALLURGICAL LITERATURE CLASSIFICATION																									
1ST AND 2ND CROSS													3RD AND 4TH CROSS												
1ST AND 2ND CROSS													3RD AND 4TH CROSS												

CA

Mass transfer in drying and air conditioning. J. Chiriac and K. Tuziński. *Przemysł Chemic.* 6(20), 843-44 (1980).—The results of mass transfer measurements in air drying and humidifying are reported. The humidifying process was carried out with eq. salts in a vertical wetted-wall tower. The psychrometer technique was used for gas-humidity determination. For air flow at normal pressure and room temp., the mass transfer coeff. for drying and humidifying can be expressed by a simple equation $K_g = Re^{0.5}/337$, which is in good agreement with Gilliland's exptl. data (C.A. 33, 884F). The same equation is also valid for cooled. eq. salts., provided the depression of H₂O vapor pressure of the salts is taken into account in the calcul. of the mass transfer coeff.

Frank Gonet

P.T.A.

530 2 : 66 081

657

Ciborowak, J. On Heat Transfer in the Fluidization Process.

"O przemieszczaniu ciepła w procesie fluidyzacji" Przemysł Chemiczny, No. 12, 1950, pp. 742-758, 11 figs., 8 tabs

The characteristics of heat transfer and temperature distribution were studied in a small fluidized powder unit on which various finely divided solids were suspended in an upward flowing air stream. The upper portion of the fluidization unit was electrically heated and the lower portion was water-cooled. It was found that in general both the heat transfer coefficients and the transfer of heat within the fluidized bed increased with: 1) an increasing quantity of solids within the unit, 2) increasing size of particles, 3) increasing velocity. On the basis of obtained results it is possible to explain the mechanism of the upward movement of the solid and to explain the phenomena observed.

CA

Heat-transfer measurement in packed tubes. J. Cibor,
owaki and L. Lechewicz. *Przemysł Chém.* 7, 621-6 (1951).
—Heat-transfer measurements were carried out with air,
CO₂, and CCl₄, resp., by using 2 tubes packed with Raschig
rings. When the modified Reynolds no. is 15-2000, the
ratio of the heat-transfer coeff. in the empty tube to the
coeff. in the packed tube is 3:6. This ratio decreases with
increasing gas-flow velocity. Edward A. Ackermann

CIBOROWSKI, J.

1857

651.242.3

Cibbrowski J., Młodzieński B. The Burning of Sulphides by the Fluidizing Method.

„O wypalaniu siarczków metodą fluidyzacji”. Przemysł Chemiczny. No. 2, 1952, pp. 49—58, 8 figs., 10 tabs.

The results are described of burning Polish pyrites; the experiments were carried out in batches (—periodically) or continuously. The burning process can run smoothly with a very low coefficient of excess-air. By regulating the relation of pyrite and air, it is possible to obtain in the same apparatus gases of different percentage of SO₂. Systematic measurement of the influence of such parameters as: air velocity, height of fluidized phase, diameters of powder particles and temperature of burning.

CI BOROWSKI, J.

3

② Fuel

Fuel Abst.
Vol. 15 No. 4
Apr. 1954
Gasification

✓ 2829. GASIFICATION OF SOLID FUELS BY FLUIDIZATION. I.
Ciborowski, J. and Lesniewicz, L. (Przem. Chem. (Chem. Ind.), 1952, vol. 31, 501-508; abstr. in Chem. Abstr., 1953, vol. 47, 11698). Water gas is obtained by passing superheated steam (300°) through a layer of finely divided coke or coal at such a rate that fluidization occurs. The gas produced, together with steam, is passed through a cyclone at 120-150°, and then to a condenser, where the water vapour is condensed. The gas is filtered and collected in cylinders over a saturated solution of Glauber salt and 5% sulphuric acid. The process of fluidization is independent of the inner area of the grain, which is due to the pores. The extent of steam decomposition, expressed as a constant $\varphi_1 = H_2/(H_2 + H_2O)$, is inversely proportional to the velocity of steam flow. The velocity of gasification is independent of the rate of steam flow. φ_1 increases with the amount of fuel in the reactor from 6.2×10^{-3} to 4.3×10^{-2} ; in the same manner the stoichiometric constant $\varphi_3 = (CO + CO_2)/(H_2 + H_2O)$ changes. A change in the amount of the fuel causes a change in the rate of the contact of the water vapour, ω , with the fuel. φ_1 is proportional to ω , but is independent of the amount of material used (almost constant). The amount of gas produced is approximately proportional to the amount of fuel used. $\varphi_2 = CO/(CO + CO_2)$ is constant. The best fluidization occurs at a mean particle diameter of 3.74×10^{-4} to 2.1×10^{-4} m. The rate of steam decomposition increases with increase of particle diameter to a diameter at which fluidization does not occur.

5-11-54
G.H.

CIBOROWSKI, J.

Polish Technical Abst.
No. 4, 1953
Chemistry and Chemical
Technology

2457

662.747

Ciborowski J., Lesniewicz L. Gasification of Solid
Fuels by Fluidisation.

O. zgazowaniu paliwa stałego w stanie fluidalnym.
Przemysł Chemiczny. No. 11, 1952, pp. 501-508,
No. 12, 1952, pp. 544-551, 29 figs., 6 tabs.
The results are reported of experiments on solid
fuel gasification (coke, black coal, semi-coke and
charcoal) to obtain water gas by fluidising
technology. The necessary heat was introduced
through the walls of the fluidising column. The
investigation covered the determination of the
influence in the gasification kinetics of certain
more important parameters (such as temperature,
grain (particle) diameter, velocity, etc.).
The results obtained provide some guiding principle
experiments on a semi-technological scale.

CIBOROWSKI, J.

Fuel Abst.
Vol. 15 No. 4
Apr. 1954

Gaseous Fuels: Properties
and Treatment

2850. DRYING GASES BY FLUIDIZATION. Ciborowski, J. and
Rozsak, J. (Przem. Chem. (Chem. Ind.), 1952, vol. 31, (6), 244-252;
abstr. in Chem. Abstr., 1953, vol. 47, 10197). The relations which
exist in mass transfer between humid air and fine grained silica gel are
investigated. Results obtained for batch operation make possible the
calculation of mass transfer coefficients and the determination of their
dependence on the several parameters of the process. An analogy was
found between heat and mass transfer in the fluidized system. C.A.

② Fuel

CIBOROWSKI, J.

Polish Technical
Abstracts
No. 4, 1953
Chemistry and
Chemical Technology

2452

* Ciborowski J. Chemical Engineering. Part 2.

66.01/.04

Inżynieria chemiczna. Cz. 2. Warszawa, 1953, PWT,
16°, 233 pp., 89 figs., 21 tabs.

This part of the book deals with problems of thermal
conductivity, heat radiation, the heating and cooling of
liquids, boiling and condensation, and covers also the
methods of computing heating and cooling surfaces.

AF
9-14-54

CIBOROWSKI, J.

2453

66.01

Polish Technical
Abstract
No. 4, 1953
Chemistry and
Chemical Technology

* Ciborowski J. Chemical Engineering. Part 3

Inżynieria chemiczna. Cz. 3. Warszawa, 1953, PWT, 16°, 370 pp., 221 figs., 9 tabs.

The problems of penetration of substances, distillation, rectification, absorption, extraction and drying practice. The book is the third volume of an extensive work which deals, in a thorough manner, with all problems involved in chemical engineering.

MF
9-14-54

Ciborowski, J.

3

1812

601 142.011.07

Ciborowski J., Młodzieński B. Burning Different Sulphides Using Fluid.

„O wypalaniu różnych siarczków metodą fluidyzacji”. *Przemysł Chemiczny*. No. 9, 1953, pp. 443—449, 10 figs., 12 tabs.

The results are given of burning by the fluidizing technique, flotation blends, pyritic dolomite, pyritic serpentine and pyrite containing mud. The influence is investigated of several parameters, such as air velocity, temperature and the height of the fluidizing column. By keeping a proper ratio of air to burned material, it was found possible to obtain, even from materials of very low sulphur content, gases of sufficient SO_2 concentration for industrial purposes.

CIBOROWSKI, J.

met ✓ Burning different sulfides with a fluidizing technique. V. Ciborowski and B. Miodzinski. *Przemysł Chemiczny*, 9, 443-4 (1953) (English summary). The results of burning flotation blende, sedimentary blende, pyritic ilmenite, pyritic serpentine, and pyrite contg. mud by using fluidizing technique have been given. Gases of sufficient SO_2 concn. were obtained by keeping the proper ratio of air to burned material. Intensive burning of the material started above the temp. 800° . With the fluidizing method, it is possible to burn material with low-S content to get good and economical results. —G. A. Wozny.

Ciborowski, J.

23

2823
65.046 : 68.08(083.2)
*Ciborowski J. Problems of Calculating in Chemical Engineering. CH
„Problemy rachunkowe w inżynierii chemicznej”. Warszawa, 1954,
PWT, 16², 497 pp. 78 figs.
Theory and examples of calculations to resolve chemical engineering
problems are given. Main chapters of the book problems of fluid flow,
problems of dynamic processes, heat problems and problems of diffusion
processes.

AA
RZ

CIBOROWSKI, J.; MLODZINSKI, B.; PFEFFER, A.

"Burning of Sulfides by the Fluidization Method on Pilot Plant Scale," P. 28.
(PRZEMISL CHEMICZNY, Vol. 10, No. 1, Jan. 1954, Warszawa, Poland)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4,
No. 1, Jan. 1955 Uncl.

CIBOROWSKI, J.; CZARNOTA, T.

"Investigation of Calcination of Sodium Bicarbonate of Fluidization," P.81
(PRZEMYSŁ CHEMICZNY, Vol. 10, No. 2, Feb. 1954, Warszawa, Poland)

SO; Monthly List of East European Accessions, (EEAL), LC, Vol. 4,
No. 1, Jan. 1955 Uncl.

CIBOROWSKI, J.; MŁODZINSKI, B.; ROSZAK, J.

"Fluidization Applied to Industry", p. 589, (PRZEMYSŁ CHEMICZNY, Vol. 10, No. 12, Dec. 1954, Warszawa, Poland)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 5, May 1955, Uncl.

CIBOROWSKI, J.

4151

66.001(021)

Ciborowski J. Chemical Engineering. 2nd Ed.

"Inżynieria chemiczna". Wyd. 2. Warszawa, 1955, PWT 16, 915 pp., 615 figs., 75 tabs.

A full account of chemical engineering. Contains sections relating to general problems of the flow of liquids, filtration processes, heat conduction, heat radiation, heating and cooling of liquids, boiling and condensation, thermic and dynamic processes, penetration of mass, distillation and rectification, absorption, extraction, drying, and the remaining diffusion processes.

Handwritten: PM

CIBOROWSKI, J.

453

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Crarnoła T., Orłowski J., Ciborowski J. Catalytic Oxidation of Naphthalene to Phthalic Anhydride by Fluidisation.

"O kontaktowym utlenianiu nadtalenu do bezwodnika ftalowego metodą fluidyzacji". Przemysł Chemiczny, No. 6, 1955, pp. 295-301, 5 figs, 11 tabs.

An examination of the catalytic process of oxidising naphthalene to phthalic anhydride by fluidisation on vanadium catalysts. Several catalysts on different carriers were investigated, with various content of vanadium pentoxide and different grain size, prepared by various methods, and a study made of the conditions of fluidisation of individual catalysts and their resistance to abrasion. A discussion is included over the influence of individual parameters of the process, including: temperature, time of contact, ratio of naphthalene to air, on the yield and purity of the product. The best results (ca 75% molar yield, purity ca 99% and feed rate of the catalyst up to 390 g naphthalene/litre of catalyst/hour) were obtained by using a melted catalyst of vanadium pentoxide on corundum. The principal advantage of the method, by comparison with the known processes with an immovable catalyst, consists in the possibility of applying a several times greater feed rate of catalyst and the high purity of phthalic anhydride obtained.

CIBOROWSKI, J.

"Inzynieria chemiczna" (Chemical engineering), by J. Ciborowski. Reported
in New Books (Nowe Ksiazki), No. 13, July 1, 1955

CIBOROWSKI, J.

POLAND/Processes and Equipment for Chemical Industries-
Processes and Apparatus for Chemical Technology.

K-1

Abs Jour : Ref Zhur - Khimiya, No 2, 1957, 6899

Author : Ciborowski, J.

Inst :

Title : Concerning the Analogies Between Fluidized and Multi-
phase Single Component Systems

Orig Pub : Przem. chem., 1956, 12, No 2, 87-89

Abstract : No abstract.

Card 1/1

index. There is also some analogy between
terms and input words. Such analogy permits the
analysis of fluidized systems and in certain respects
estg the unknown properties. The fluidized system is
considered a macropattern of a mol system. P. 111

0011

CIBOROWSKI
TSIBOROVSKI,

POLAND / Chemical Technology. Industrial Organic
Synthesis.

H

Abs Jour: Ref Zhur-Khimiya, No 12, 1958, 40543.

Author : Tsiborovsky.

Inst : Not given.

Title : The destructive Hydration of Thiophene On
Cobalt Sulfide.

Orig Pub: Przem. chem., 1957, No 8, 457-458.

Abstract: The most economical method for removing thiophene (I) from technical benzene is based on the destructive hydration of I, usually at a high pressure and in the presence of catalysts (C) stable toward an action of sulfur compounds. The reaction can be carried out in the gas phase at normal pressure. However, sufficiently complete data concerning these methods is lacking, therefore, for

Card 1/3

19

CIBOROWSKI, J

3541
• Ciborowski, J. Fluidization. 7 68.049
"Fluidyzacja". Warszawa, 1957, PWT, 16°, 184 pp., figs., tabs.
Theoretical fundamentals of the fluidization process and examples
of its use in the chemical industry.

820
111

2
JH

CIBOROWSKI, J

SCIENCE

PERIODICAL: ROCZNIKI CHEMII, VOL.31, NO. 2, 1957

CIBOROWSKI, J. S. Bretsznajder's Zagadnienia projektowania przemyslu chemicznego. Tom 1. Matematyczno-fizyczne metody projektowania (Planning Problems in the Chemical Industry. Vol. 1. Mathematical and Physical Methods of Planning); a book review. p. 743.

Monthly List of East European Accessions (EEAI) LC Vol. 8, No. 4
April, 1959, Unclass

CIBOROWSKI, J.

POLAND/Chemical Technology, Chemical Products and Their
Application, Part 3. - Food Industry.

H-28

Abs Jour: Referat. Zhurnal Khimiya, No 10, 1958, 34208.

Author : J. Ciborowski, B. Miodziński, J. Rosztak, A. Selewni.

Inst : Not given.

Title : Drying in Suspended State.

Orig Pub: Przen. spożywczy, 1957, 11, 6, 247-253.

Abstract: A description of a drier and of rye drying experiments
with a laboratory and a pilot-plant dryer is presented.
The experiments confirmed the expediency of drying in
suspended state.

Card : 1/1

END
27

TSIBOROVSKIY, Yanush [Ciborowski, Janusz], prof., doktor-inzh., laureat
Gosudarstvennoy Premii; MASLYANKA, E. [translator]; PLISS, A.V.
[translator]; ROMANKOV, P.G., prof., red.; KUROCHKINA, M.I., red.;
ERLIKH, Ye.Ya., tekhn.red.

[Unit operations of chemical engineering] Protseessy khimicheskoi
tekhnologii. Leningrad, Gos.nauchno-tekhn.izd-vo khim.lit-ry,
1958. 932 p. (MIRA 12:12)

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